

TAMPS Product IPT

DATE: 28 July 98

PRESENTER: Marc Espitia

Product Description/Mission

Mission:

- **Provide Navy Special Warfare Community with automated mission planning system (architecture, hardware & software) that meets Navy Special Operating Forces' (SOF) operational requirements.**

Objectives:

- **Manage development/deployment of SWAMPS. Includes Requirements Analysis, Schedule, Coordination, Development, Integration, DT/OT, & Risk Reduction Activities**

Product Description/Mission

Units: 251 (IOC-FY99/FY99-01) Total:

Program Cost: **PROC : PR-99: 395K; FY-00: 45
FY-01: 1.976K; FY-02: 395K;
FY-03: 433K; FY- 04:446K;
Stage: DT FY-05:459K**





Last Review: 23-24 July 1998 Contractor: CMI

**Next Review: East Coast Users' Date: 13 August 98
Conference**

Summary Product Assessment

Assessments	J un	J ul	Aug	Sep
Technical Performance	OK		OK	OK
Cost	OK	OK	OK	OK
Schedule	OK	OK	OK	OK
Software	OK	OK	OK	OK
Funding	OK	OK	OK	OK
Test & Evaluation	OK	OK	OK	OK
Production	OK	OK	OK	OK
Logistics & Readiness Obj.	OK	OK	OK	OK
Contract Status	N/A	N/A	N/A	N/A
Mngt & Global Issues	OK	OK	OK	OK
Documentation Status	OK	OK	OK	OK

Product Schedule (Baseline / Actual)

TASK NAME	1998			1999			2000
	QTR2	QTR3	QTR4	QTR1	QTR2	QTR3	QTR4
SWAMPS 1.0							
S/W Delivery		*3/25					
Operator Review		* 4/9					
S/W Release (v 1.0)			*5/30				
Training Plan Delivery				*10/1			
Limited Operational Fielding				 10/1		9/30	
Operational Fielding (1st H/W Increment)							 10/1

SWAMPS 1.0 Risk Management

Y2K COTS/GOTS Compliance

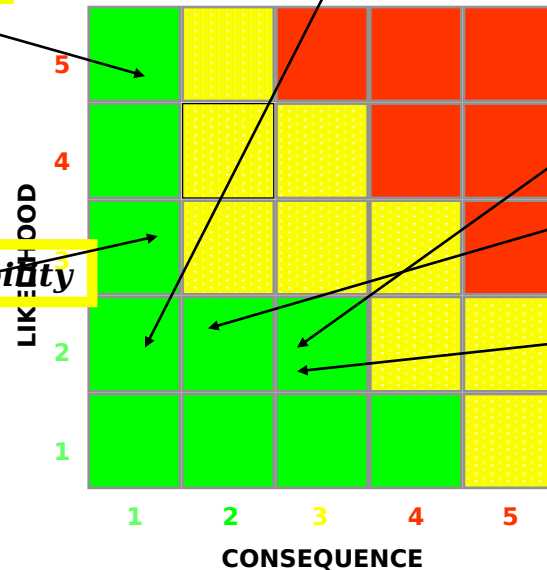
Test Schedule Increase

Fleet Hardware Availability

Training Documentation

Fleet Development Availability

Funding



Risk Mitigation

- **Test Schedule**
 - Close coordination with SEAL Team user community to ensure software reflects user needs
- **Y2K COTS/GOTS Compliance**
 - Working closely with COTS vendors to ensure COTS products Y2K compliant
- **Training Documentation**
 - Early involvement in SWAMPS 1.0 development process
- **Fleet Hardware Availability**
 - Conducting extensive market research to identify best products
 - Coordinate with PMA-233 hardware POC to ensure availability
- **Funding**
 - Close coordination with USCINCSOC Comptroller for MFP-11 FY-00 funding
 - Close coordination with N62 Sponsor for Fleet Hardware Funding

Issues

SWAMPS HARDWARE

- **Contingent on N62 providing funding in accordance with COMNAVSPECWARCOM Program Review 99 Issue Paper and POM-00 submission.**

SWAMPS SOF ARCHITECTURE

- **Army 160 SOARS, AFSOC adopting SWAMPS IM approach. Joint program will be headed by SOF Mission Planning PM, LTC K. Noonan, USA.**

- **Army SOF Module delivered in July 98 on schedule; undergoing training.**

Summary

- **Beta II Results to date: Software DT/OT on track; C**
- **CNSWC/PMA-233 MOA draft in works /Draft SEAL submitted for JMPS**
- **SWAMPS MFP-11 FY-00 approved; Hardware Contin N62 Support in POM-00**
- **Increasing interest in SWAMPS Architecture from agencies**
- **Army & Air Force SOF adopting SWAMPS IM archi Army SOF Module delivered July 98**

Special Warfare Automated Mission Planning System (SWAMPS)

NEW CAPABILITIES

o For the Operator

- Automates Mission Planning on Laptop
- Automates Information Management
- Expedites Developing Mission Products
- Increases Time for Gear Prep, Rehearsal, Rest
- Uses Collaborative & Distributive Planning (COTS)
- Complies with IT-21 Standards/DII COE

o For the Commander

- Automated Mission Planning on WINDOWS NT
- Provides Interactive Picture of Battlespace
- Passes Information Seamlessly Between Operational Components
- Provides Distributive Conferencing Capability
- Provides Real-Time Tasking, Collaborative Planning and Deconfliction

Issues

- SWAMPS Hardware - Contingent on N62 providing hardware in POM-00
- SWAMPS MFP-11 POM-00 - Approved in Phase I C4I ICT (for future SWAMPS s/w mods/lifecycle maintenance)
- CIPB Development - Working with USCINCSOC to develop Collaborative Intelligence Preparation of the Battlespace (CIPB) Secure Web Site for SOF
- National Technical Means (NTM) - Liaison with USSOCOM TENCAP to provide NTM products for SOF Mission Planning & Follow-On Ops
- SWAMPS Integration into TSC - COMNAVSPECWARCOM working with COMPATWING-11 (P-3C) and Tactical Support Centers (PMW-171) to incorporate SWAMPS into TSC in support of SEAL/P-3C OPS in multiple AOR.

• SWAMPS 1.0 - Undergoing Dt?OT

Common Issues

- Fleet Support - Army Special Forces has DEVELOPED MPM on SWAMPS/Air Force SOF adopting SWAMPS IM architecture.

SWAMPS TIMELINE

TASK NAME	1998			1999		2000	
	QTR2	QTR3	QTR4	QTR1	QTR2	QTR3	QTR4
SWAMPS 1.0							
S/W Delivery	*3/25						
Operator Review			* 4/9				
S/W Release (v 1.0)			*5/30				
Training Plan Delivery				*10/1			
Limited Operational Fielding							
Operational Fielding (1st H/W Increment)				10/1	9/30		

Background Slides

Product Baseline Performance

Performance

Parameters/ Characteristics	Baseline Objective	Baseline Threshold	Current Estimate	Demonstrated
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Average Time to Plan Mission	< 8 hrs		<24 hrs	
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Average Time to Set up DCP		30 sec		5 min
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MCMTOMF - h/w (total system, excluding fans & backlights)	>6.7 Khr	>5K hr		9.9K
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MCMTOMF - s/w	Under Review			
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Product Baseline Performance

Performance

Parameters/ Characteristics	Baseline Objective	Baseline Threshold	Current Estimate	Demonstrated
Time to generate strip charts/WO Boards	< 1 min ea.	< 8 min ea.	< 8 min ea.	
Ao	> 0.98	> 0.95	0.95	0.9